R & D C	2002/01/14 : CIA RDP78B04747A001	6000400038	
R & D C			
· -	ATALOG FORM	22 November 1965	
	2. SHORT PROJECT DESCRIPTION		
Data Block Reader (70mm)	Data Block Reader for autom	atically reading and deco	
	ing binary information reco	rded on 70mm photographic	
3. CONTRACTOR NAME	roll film.		
S. CONTRACTOR NAME	4. LOCATION OF CONTR	ACTOR	
		•	
MODEL SON TRACTOR	8. TYPE OF CONTRACT		
Manufacturer	CPIF		
7. FUNDS	8. REQUISITION NO.	9. BUDGET PROJECT NO.	
FY 19 \$		NP-IO-6	
	10. EFFECTIVE CONTRACT DATE		
FY 1966 \$	(Begin - end)	AA - Confidential	
TITE 10	-	T - Unclassified	
FY 19 \$	December 1965 - April 1966	W - Unclassified	
12. RESPONSIBLE DIRECTORATE/OFFICE/PR	OJECT OFFICER TELEPHONE EXTENSION		
DDT ADTG /DDDG			
DDI/NPIC/P&DS/			
13. REQUIREMENT/AUTHORITY	··		
To read and decode binary of	oded information recorded on 70	mm -627 m	
20 20 and date decode billiary co	oded information recorded on A	mm Illm.	
14. TYPE OF WORK TO BE DONE			
Engineering Development			
5. CATEGORIES OF EFFORT			
MAJOR CATEGORY Information Storage & Retric	SUB-CATEGORIES		
Equipment	TITT OTHER OF OH WE OF THE AST	- Print Orma Croff We Crife Var	
and the second s	Electro-optical-mechanic	al ·	
6. END ITEM OR SERVICES FROM THIS CO.	NTRACT/IMPROVEMENT OVER CURRENT SYSTEM. I	EQUIPMENT, ETC.	
One prototype binary code re			
v			
		25	
7. SUPPORTING OR RELATED CONTRACTS (Adapay & Other Vocas		
Contract - Universal Da	ata Block Reader-with		
	ment of a Reader to handle the	anticinated onerstions	
This contract is for develop	the current materials now in a		
This contract is for develor materials and will not read	one carrent materials now in a	se. This requirement	
This contract is for develor materials and will not read was levied by TID for a repl	acement to the reader presently	v in use in TAB	
This contract is for develor materials and will not read was levied by TID for a repl	acement to the reader presentl	y in use in TAB.	
This contract is for develor materials and will not read was levied by TID for a repl 8. DESCRIPTION OF INTELLIGENCE REQUIRE tional page if required) The pre-	acement to the reader presently REMENT AND DETAILED TECHNICAL DESCRIPTION RESENT Binary DBR in use in TAB	y in use in TAB. OF PROJECT (Continue on addi-	
This contract is for develor materials and will not read was levied by TID for a repl 8. DESCRIPTION OF INTELLIGENCE REQUIRE tional page if required) The prerupting of use due to the ne	Accement to the reader presently REMENT AND DETAILED TECHNICAL DESCRIPTION ESENT Binary DBR in use in TAB seed for frequent adjustment and	y in use in TAB. OF PROJECT (Continue on addition of subject to inter-	
This contract is for develor materials and will not read was levied by TTD for a replession of intelligence required. The pregulating of use due to the neprovides a low output rate.	REMENT AND DETAILED TECHNICAL DESCRIPTION ESCRIPTION ES	y in use in TAB. OF PROJECT (Continue on addition subject to interprepair. It also to the data block read.	
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This contract is for develor materials and will not read was levied by TTD for a replession of intelligence required. The presumpting of use due to the new provides a low output rate. the data and present it to a low inches per second-a 70% to	acement to the reader presently REMENT AND DETAILED TECHNICAL DESCRIPTION ESENT Binary DBR in use in TAB seed for frequent adjustment and The proposed reader will locar IBM punch for recording at a 100% increase over the present	y in use in TAB. OF PROJECT (Continue on addition is subject to interprepair. It also te the data block, read rate of approximately of system. The	
This contract is for develor materials and will not read was levied by TID for a replantation of intelligence require tional page if required) The prerupting of use due to the neprovides a low output rate. the data and present it to a 15 inches per second-a 70% to proposed reader will be a fa	acement to the reader presently tement and description esent Binary DBR in use in TAB seed for frequent adjustment and The proposed reader will locate TBM punch for recording at a 100% increase over the presents, reliable replacement for the second transfer of the second tra	y in use in TAB. OF PROJECT (Continue on addition is subject to interpretair. It also the the data block, read rate of approximately at system. The in-house built.	
This contract is for develor materials and will not read was levied by TID for a replession of intelligence required. The presenting of use due to the neprovides a low output rate. the data and present it to a 15 inches per second-a 70% to proposed reader will be a fareader. The main design aim	esent Binary DBR in use in TAB seed for frequent adjustment and The proposed reader will locate IBM punch for recording at a 100% increase over the presentst, reliable replacement for the same are higher and more accurate	y in use in TAB. OF PROJECT (Continue on addition subject to interprepair. It also te the data block, read rate of approximately at system. The in-house built read rates and higher	
This contract is for develor materials and will not read was levied by TID for a replession of intelligence required. The presenting of use due to the neprovides a low output rate. the data and present it to a 15 inches per second-a 70% to proposed reader will be a fareader. The main design aim	esent Binary DBR in use in TAB seed for frequent adjustment and The proposed reader will local at a 100% increase over the present at a reliable replacement for the are higher and more accurate are light punch will be replaced by	y in use in TAB. OF PROJECT (Continue on addition subject to interprepair. It also te the data block, read rate of approximately at system. The in-house built read rates and higher	

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18. Continued

punch card machine (GFE). This will increase the rate of card punching and will assist in preventing the punching of erroneous data. A second major feature is the inclusion of a gating signal to prevent the entry of erroneous data. The read heads will be silicon photodiode arrays adjustable to the film edge so as to locate the best reading positions. A viewing position for the operator will be provided by a 3X enlargement of the block projected to a screen. An adjustable reticule at the screen for matching data block positions will enable the operator to manually punch cards that are not machine readable.

Excluded from automatics

downgracing and

declarationism